

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: **84112625.3**

(51) Int. Cl.³: **G 06 F 15/40**

(22) Date of filing: **19.10.84**

(30) Priority: **28.10.83 US 546751**

(43) Date of publication of application:
08.05.85 Bulletin 85/19

(88) Date of deferred publication of search report: **25.01.89**

(84) Designated Contracting States:
DE FR GB IT

(71) Applicant: **International Business Machines Corporation**
Old Orchard Road
Armonk, N.Y. 10504(US)

(72) Inventor: **Ghosh, Sakti Pada**
1381 Echo Valley Drive
San Jose California 95120(US)

(72) Inventor: **Mattson, Richard Lewis**
6838 Rockview Court
San Jose California 95120(US)

(72) Inventor: **Peled, Abraham**
13 Withington Road
Scaredale New York 10583(US)

(74) Representative: **Appleton, John Edward**
IBM United Kingdom Limited Intellectual Property
Department Hursley Park
Winchester Hampshire SO21 2JN(GB)

(54) **Method for accessing data using a self-service point-of-sale terminal.**

(57) A use of relational database management at a host CPU interacting with selection requests from remote POS terminal includes (1) dynamic database generation of textual screens from the CPU relational data manager together with information for accessing a video picture source local to the POS terminal for generating selected picture screens, and (2) the textural searching of a virtual menu tree (part of a text screen) whose starting node is dependent upon the user's choice of picture or text information. The changed content of the text and picture screens is solely a function of the relationally accessed data designated by the user's menu selection.

EP 0 140 302 A3



European Patent
Office

EUROPEAN SEARCH REPORT

0140302

Application Number

EP 84 11 2625

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
D,A	IEEE SPECTRUM, September 1982, pages 46-54, IEEE, New York, US; F. GUTERL et al.: "The wonderful world of EPCOT" * Page 47, right-hand column, line 7 - page 48, right-hand column, line 22 * ---	1,6	G 06 F 15/40
A	COMPUTERS AND BIOMEDICAL RESEARCH, vol. 12, no. 5, 1979, pages 471-481, Academic Press Inc., GB; M.E. WOMBLE et al.: "An intelligent terminal for access to a medical data base" * Page 472, lines 10-29; page 473; page 474, lines 1-14 * -----	1,6	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 06 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 05-10-1988	Examiner WILTINK J.G.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P0401)